



# ULTIMO QUICK PROGRAMMING GUIDE

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# Ultimo Keyboard Guide

**AQUA**  
Conserve  
ET-16/66u

ET CONTROLLER

01:45 PM 82 F  
Aug 23, 2005 ON  
Aqua Conserve Inc.  
Man Stn Prog Setg



**Keys:**

**More:** Increase Value or select ON.

**Less:** Decrease Value or select OFF.

**Next:** Next item to change.

**Previous:** Previous item to change.

**Exit:** Return to main screen or turn unit off.

**Four Menu Keys:** These keys change depending upon the screen that is displayed. The key's function are shown on the display above the key.

## Secondary Functions of the Keys:

### More (Test):

Pressing the **More** key, from the main screen, causes the controller to enter the 2 minute test mode.

2 **AQUA**  
Conserve  
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ET CONTROLLER

01:23 PM 74 F  
Aug 23, 2005 ON  
2 Min Test  
Tst DlyRun Rem Go



Press the **More** key to cycle through the following test options.

*Min Test* Run Each station for two minutes.

*Auto Run All* Run all programs (A, B, C, and D).

*Auto Run Prog A* Run program A.

*Auto Run Prog B* Run program B.

*Auto Run Prog C* Run program C.

*Auto Run Prog D* Run program D.

Press the **Menu Key** labeled *Go* to start the selected test.

Press the **Previous** or **Next** keys to go to the previous or next station.

Press the **Exit** key to return to the main screen.

### Less (Rain):

Pressing the **Less** key, from the main screen, causes the controller to enter the *Rain Delay* screen.

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ET CONTROLLER

01:45 PM 82 F  
Aug 23, 2005 d1  
Days Off : 1  
Press Next to Start



Press the **More** key to increase the number of days to delay watering. The delay can be from 1 to 5 days.

Press the **Less** key to decrease the number of days. Zero, 0, days turns the rain delay off and resumes normal watering.

Press the **Next** key to enter the changes and to return to the main screen

For more information please refer to your User's Guide.

# Ultimo Run Mode Displays

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ET CONTROLLER

```
01:45 PM      82 F
Aug 23, 2005  ON
Aqua Conserve Inc.
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```



**Normal Display:**

Display shows Time, Date, and Temperature.

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ET CONTROLLER

```
01:23 PM      74 F
Aug 23, 2005  D1
Aqua Conserve Inc.
Man Stn Prog Setg
```



**Rain Delay Display:**

Display shows Time, Date, Temperature, and D1.

Note: The D1 will be flashing.  
Unit will not automatically water.  
See **Less (Rain)** key to clear.

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ET-16/66u

ET CONTROLLER

```
01:23 PM      74 F
Aug 23, 2005  ON
Running Station 03 P
001:23 of 012:39
```



**Station ON Display:**

Display shows which station is running, the amount of time the station has been on, and the total amount of time the station will run.

For more information please refer to your User's Guide.

# Ultimo

## Quick Programming Guide

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ET CONTROLLER

01:45 PM 82 F  
Aug 23, 2005 ON  
Aqua Conserve Inc.  
Man Stn Prog Setg



### Keys:

**More:** Increase Value or select ON.

**Less:** Decrease Value or select OFF.

**Next:** Next item to change.

**Previous:** Last item to change.

**Exit:** Return to main screen or turn unit off.

**Four Menu Keys:** These keys change depending upon the screen that is displayed. The key's function are displayed above the key.

### Settings:

From the main screen press the **Menu Key** labeled *Setg*.

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ET CONTROLLER

01:45 PM 82 F  
Aug 23, 2005 ON  
Aqua Conserve Inc.  
Man Stn Prog Setg



Use the **More** and **Less** keys to select the correct hour.

Press the **Next** key to select the minutes.

Use the **More** and **Less** keys to select the correct minutes.

Press the **Next** key to select the month.

Use the **More** and **Less** keys to select the correct month.

Press the **Next** key to select the day of the month.

Use the **More** and **Less** keys to select the correct day of the month.

Press the **Next** key to select the year.

Use the **More** and **Less** keys to select the correct year.

Press the **Next** key to select *Accumulation*.

Press the **More** key to turn *Accumulation* ON. Press the **Less** key to turn *Accumulation* OFF.

Press the **Next** key to select the *Water Reduction Percentage*.

Use the **More** and **Less** keys to select the correct percentage of *Water Reduction*.

Press the **Next** key to select the *Region*.

Use the **More** and **Less** keys to select the correct *Region*. Refer to the manual for the region numbers.

Press the **Next** key to select *Lock*.

Press the **More** key to turn *Lock* ON. Press the **Less** key to turn *Lock* OFF.

Press the **Exit** key to return to the main screen.

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ET-16/66u

ET CONTROLLER

01:45 PM Aug 23 2005  
Accum:On WR%:100%  
Region:03 Lock:Off  
FloCal FloErr Setg



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ET-16/66u

ET CONTROLLER

01:45 PM 82 F  
Aug 23, 2005 ON  
Aqua Conserve Inc.  
Man Stn Prog Setg



## Time to Water:

From the main screen press the **Menu Key** labeled *Prog*.

Use the **More** and **Less** keys to select the Program to enter the start times.

Press the **Next** key to select the first start time hour.

Use the **More** and **Less** keys to select the start hour.

Press the **Next** key to select the first start time minutes.

Use the **More** and **Less** keys to select the start minutes.

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ET CONTROLLER

PROG: A Start Times  
07:00A --:-- --:--  
Days Times



Repeat the above steps for additional start times and for the other programs.

Press the **Exit** key to return to the main screen.

AQUA  
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ET CONTROLLER

01:45 PM 82 F  
Aug 23, 2005 ON  
Aqua Conserve Inc.  
Man Stn Prog Setg



## Set Watering Days:

From the main screen press the **Menu Key** labeled *Prog*.

From the program time screen press the **Menu Key** labeled *Days*.

Use the **More** and **Less** keys to select the Program to enter the watering days.

Press the **Next** key to select the watering days options.

Use the **More** and **Less** keys to select the option. Options are *Off*, *Odd Days*, *Even Days*, *Select Days*, *Skip # Days*.

Press the **Next** key to select days to not water.

The *S* will flash, press the **More** key to water on Sunday or press the **Less** key to never water on Sunday. Note: The display will show a dash '-' for days that will not water.

Press the **Next** key to select the next day.

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ET CONTROLLER

PROG: A Start Times  
07:00A --:-- --:--  
Days Times



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ET CONTROLLER

PROG: A Select Days  
S.-.T.W.T.F.S  
S.M.-.W.T.F.S  
Prog Times



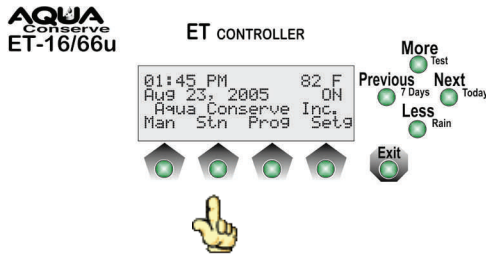
If you have selected a watering days option of *Select Days*, two weeks are displayed. Each week can have different days turned on or off. The present week is always on top.

Repeat the above steps for the remaining programs.

Press the **Exit** key to return to the main screen.

## Set Station Watering Time:

From the main screen press the **Menu Key** labeled *Stn*.

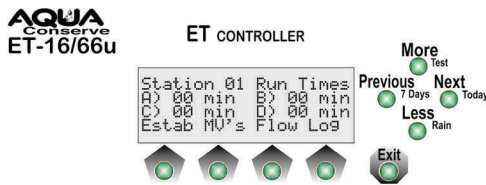


Use the **More** and **Less** keys to select the station to program.

Press the **Next** key to set the program A run time for this station.

Use the **More** and **Less** keys to set the run time in minutes.

**Important: Enter the summer run time minutes. The controller will automatically adjust the runtimes based on time of year and weather.**



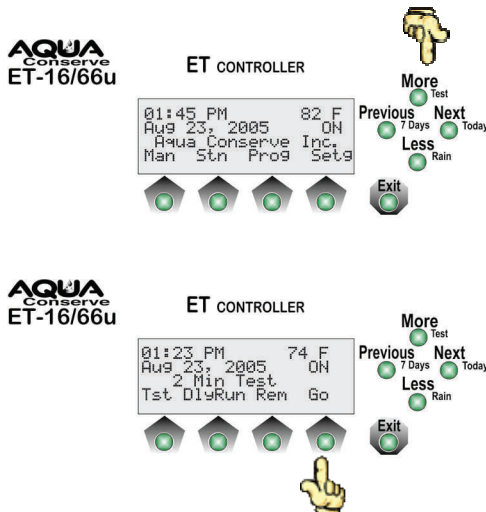
Press the **Next** key to set the program B run time for this station.

Press the **Next** key again to set the other programs runtimes.

Repeat the above steps for each station.

Press the **Exit** key to return to the main screen.

The completes the basic programming of the controller.



## 2 Minute Test:

From the main screen press the **More** key.

Press the **More** key to cycle through the following test options.

*2 Min Test* Run each station for two minutes.

*Auto Run All* Run all programs (A, B, C, and D).

*Auto Run Prog A* Run program A.

*Auto Run Prog B* Run program B.

*Auto Run Prog C* Run program C.

*Auto Run Prog D* Run program D.

Press the **Menu Key** labeled *Go* to start the select test.

Press the **Previous** or **Next** keys to go to the previous or next station.

Press the **Exit** key to quit the test and return to the main screen.

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#### ET CONTROLLER

01:45 PM 82 F  
Aug 23, 2005 ON  
Aqua Conserve Inc.  
Man Stn Prog Setg



### Manual Mode:

From the main screen press the **Menu Key** labeled *Man*.

#### Manual Mode Options:

*Tst* Run the 2 minute test.

*DlyRun* For the next scheduled run time, run with the full summer run time minutes.

*Rem* Use the Aqua Conserve Remote control adapter.

*Go* Run the selected operation.

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#### ET CONTROLLER

Manual Run Stns/Mins  
Station: 01  
Minutes: 00  
Tst DlyRun Rem Go



### Normal operation:

Press the **More** or **Less** keys to select the station to manually run.

Press the **Next** key to select the minutes.

Press the **More** or **Less** keys to enter the number of minutes to manually run the station.

Press the **Next** key to select additional stations to program for manual operation and repeat the above steps.

Press the **Menu Key** labeled *Go* to run the stations.

#### *Tst:*

Press the **Menu Key** labeled *Tst*.

Press the **More** key to cycle through the following test options.

*2 Min Test* Run each station for two minutes.

*Auto Run All* Run all programs (A, B, C, and D).

*Auto Run Prog A* Run program A.

*Auto Run Prog B* Run program B.

*Auto Run Prog C* Run program C.

*Auto Run Prog D* Run program D.

Press the **Menu Key** labeled *Go* to start the select test.

Press the **Previous** or **Next** keys to go to the previous or next station.

#### *DlyRun:*

Press the **Menu Key** labeled *DlyRun*.

Note: A 'y' after the program letter indicates that the next schedule run of that program will have each station turn on for the full summer minutes.

Press the **More** key to change the indicator to *y*.

Press the **Less** key to change the indicator to *n*.

Press the **Previous** or **Next** keys to select the other programs.

Press the **Exit** key to quit the present operation and return to the main screen.

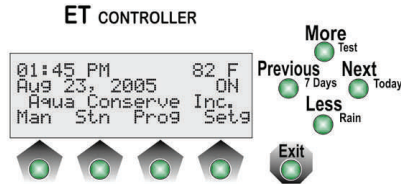
For more information please refer to your User's Guide.



# Ultimo

## Advanced Function Guide

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### Keys:

**More:** Increase Value or select ON.

**Less:** Decrease Value or Select OFF.

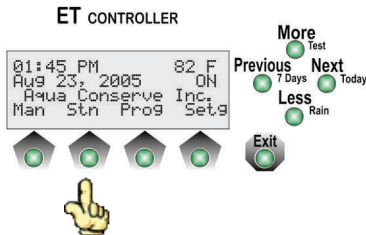
**Next:** Next item to change.

**Previous:** Previous item to change.

**Exit:** Return to main screen or turn unit off.

**Four Menu Keys:** These keys change depending upon the screen that is displayed. The key's function are shown on the display above the key.

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### Establishment

The Establishment feature allows you to add additional water for a set number of days. This allows you to add more water to help establish new landscaping.

From the main screen press the **Menu Key** labeled *Stn*.

From the *Station Run Time* screen press the **Menu Key** labeled *Estab*.

Press the **More** or **Less** keys to select the station you wish to use the establishment feature.

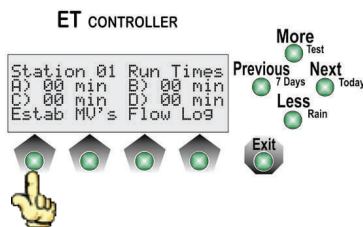
Press the **Next** key to select the percentage more water.

Use the **More** or **Less** keys to select the percentage more water to add during the establishment period.

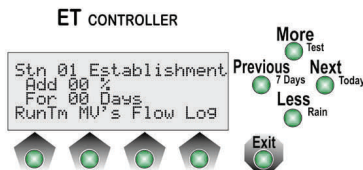
Press the **Next** key to select the number of days.

Use the **More** or **Less** keys to select the number of days to run the establishment feature.

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**Note:** After the selected number of days the station will revert back to normal operation.

To return back to programming station press the **Menu Key** labeled *RunTm*.

Press the **Exit** key to return to the main screen.



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## ET CONTROLLER

01:45 PM 82 F  
Aug 23, 2005 ON  
Aqua Conserve Inc.  
Man Stn Prog Setg



## Master Valve / Pump Programming

From the main screen press the **Menu Key** labeled *Stn*.

From the *Station Run Time* screen press the **Menu Key** labeled *MV's*.

Use the **More** or **Less** keys to select the station.

Press the **Next** key to select *Master Valve 1, MV1*.

Press the **More** key to turn *Master Valve 1* on when the selected station is on. *MV1: ON*

Press the **Less** key to turn *Master Valve 1* off when the selected station is on. *MV1: OFF*

Repeat the above steps for each Master Valve and each Station.

Press the **Menu Key** labeled *RunTm* to return to the *Station Run Time* screen.

Press the **Exit** key to return to the main screen.

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## ET CONTROLLER

Station 01 Run Times  
A> 00 min B> 00 min  
C> 00 min D> 00 min  
Etab MU's Flow Log



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ET-16/66u

## ET CONTROLLER

Station 01 & Pump/MV  
MV1: ON MU2: OFF  
MV3: OFF MU4: OFF  
RunTm MU's Flow Log



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ET-16/66u

## ET CONTROLLER

01:45 PM 82 F  
Aug 23, 2005 ON  
Aqua Conserve Inc.  
Man Stn Prog Setg



## Flow Meter Calibration

From the main screen press the **Menu Key** labeled *Setg*.

From the settings screens press the **Menu Key** labeled *FloCal*.

Press the **More** or **Less** keys to adjust the calibration factor to match your flow meter.

Refer to the Ultimo User's Guide for common calibration factors.

Press the **Menu Key** labeled *Setg* to return to the settings screen.

Press the **Exit** key to return to the main screen.

AQUA  
Conserve  
ET-16/66u

## ET CONTROLLER

01:45 PM Aug 23 2005  
Accum:0n WR%:100%  
Region:03 Lock:Off  
FloCal FloErr Setg



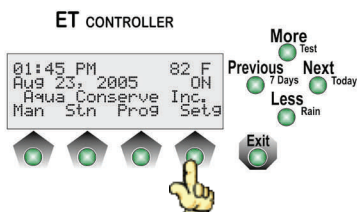
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## ET CONTROLLER

Flow= 00 Pulse/min  
Calib. 00 Gal/min  
FloCal Factor: 50  
FloErr Setg



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ET-16/66u



## Setting Flow Errors

From the main screen press the **Menu Key** labeled *Setg*.

From the *Setting Screen* press the **Menu Key** labeled *FloErr*.

Use the **More** or **Less** keys to set the *High* flow error.

Note: If you set the HI flow error to 0% this will disable all flow errors.

Press the **Next** key to set the *Low* flow error.

Use the **More** or **Less** keys to set the *Low* flow error.

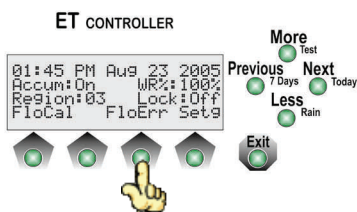
Press the **Next** key to set the *Max Leak* value

Use the **More** or **Less** keys to set the leak value.

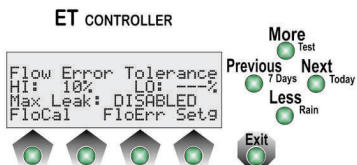
Press the **Menu Key** labeled *Setg* to return to the *Setting* screen.

Press the **Exit** key to return to the main screen.

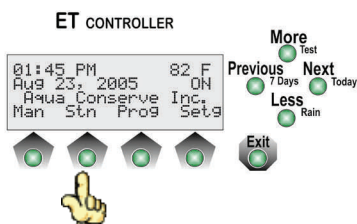
AQUA  
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AQUA  
Conserve  
ET-16/66u



AQUA  
Conserve  
ET-16/66u



## Station Runtime Log

From the main screen press the **Menu Key** labeled *Stn*.

From the *Station Run Times* screens press the **Menu Key** labeled *Log*.

Use the **More** or **Less** keys to select the station to review the runtime logs.

Press the **Next** key to move to the log.

Use the **More** or **Less** keys to move up and down through the 7 day station runtime log.

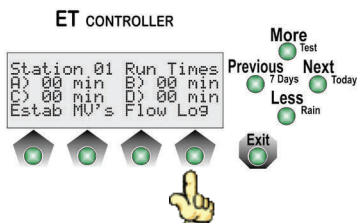
Press the **Next** key to reselect the station.

Use the **More** or **Less** keys to select other stations to view.

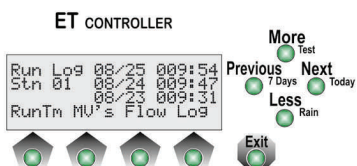
Press the **Menu Key** labeled *RunTm* to return to the *Station Run Times* screens.

Press the **Exit** key to return to the main screen.

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AQUA  
Conserve  
ET-16/66u



AQUA  
Conserve  
ET-16/66u

#### ET CONTROLLER

01:45 PM 82 F  
Aug 23, 2005 ON  
Aqua Conserve Inc.  
Man Stn Prog Setg



#### Flow Status

From the main screen press the **Menu Key** labeled *Stn*.

From the *Station Run Time* screen press the **Menu Key** labeled *Flow*.

Use the **More** or **Less** keys to select the station to review the flow status.

If there are flow errors they will be displayed in the status area. Once you have viewed the error it will be automatically cleared.

Press the **Next** key go to the status area.

Use the **More** or **Less** keys to change the status.

Status options

*Learn* Relearn the flow rate for the selected station

*DISABLE* Do not monitor flow for the selected station

Press the **Next** key to select additional stations to view or edit.

Press the **Menu Key** labeled *RunTm* to return to the *Station Run Time* screen.

Press the **Exit** key to return to the main screen.

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#### ET CONTROLLER

Station 01 Run Times  
R: 00 min B: 00 min  
C: 00 min D: 00 min  
Estab MU's Flow Log



AQUA  
Conserve  
ET-16/66u

#### ET CONTROLLER

Station 01 Flow Data  
Expect: 00 Gal/Min  
Status: Learn  
RunTm MU's Flow Log



Please refer to the User's Guide for additional information.



# **Ultimo Software Version 5 Operational Changes**

**This addendum is only  
for Ultimo controllers  
running firmware version 5**

# Ultimo Software Version 5 Operational Changes

## IMPORTANT

The regions have changed please use the following region numbers when programming the Ultimo.

Regions		
Reg. 1: So. CA Inland to Desert	Reg. 11: Phoenix, AZ	Reg. 27: Las Cruces, NM
Reg. 2: CA Low Desert	Reg. 16: Reno, NV	Reg. 31: Seattle, WA
Reg. 3: CA Central Valley	Reg. 17: Las Vegas, NV	Reg. 41: Logan, UT
Reg. 4: N CA Inland to Central Valley	Reg. 21: Denver, CO	Reg. 51: San Antonio, TX
Reg. 5: CA High Desert	Reg. 22: Northern, CO	Reg. 52: Dallas / Ft. Worth, TX
Reg. 6: CA Coastal	Reg. 26: Albuquerque, NM	

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ET CONTROLLER

01:45 PM 82 F  
Aug 23, 2005 ON  
Aqua Conserve Inc.  
Man Stn Prog Setg



### How to determine the Ultimo Software Version

From the main screen press the **Exit** key.

On the “Stop watering” screen press the **Menu Key** labeled **Yes**.

On the “Controller is turned off” screen the Ultimo software version is indicated on the 3rd line.

To return to the main screen, and resume watering, press the **Next** key.

**AQUA**  
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ET-16/66u

ET CONTROLLER

10:56 AM 62 F  
Jan 12, 2006 ON  
Stop all future  
watering? Yes No



### IMPORTANT

This addendum is only for Ultimo controllers running firmware version 5.00 or greater.

**AQUA**  
Conserve  
ET-16/66u

ET CONTROLLER

CONTROLLER IS  
TURNED OFF  
Firmware 5.02 bR00  
Press Next to Run



# Ultimo

## Software Version 5

### Operational Changes

AQUA  
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ET CONTROLLER

```
01:45 PM      82 F
Aug 23, 2005  ON
Aqua Conserve Inc.
Man Stn Prog Setg
```



#### Stack / Overlap Modes

The *Stack* mode allows the Ultimo to run each program sequentially, one after the other.

The *Overlap X* mode allows the Ultimo to run the *X* number of program simultaneously, at the same time. Where *X* is 2, 3, 4, 5, or 6.

AQUA  
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ET-16/66u

ET CONTROLLER

```
PROG:A 07:00A --:--
--:-- --:-- --:--
--:-- --:-- --:--
Days Times Stack Acc
```



#### IMPORTANT

You must ensure that your irrigation system can support the number of stations that can be on at one time when you use the *Overlap* mode.

AQUA  
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ET-16/66u

ET CONTROLLER

```
Stack/Overlap Mode
Stacked
Days Times Stack Acc
```



From the main screen press the **Menu Key** labeled *Prog.*

From the *Program* screen press the **Menu Key** labeled *Stack*.

Use the **More** or **Less** keys to select the Stack or Overlap mode.

AQUA  
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ET CONTROLLER

```
Stack/Overlap Mode
Overlap 2
Days Times Stack Acc
```



*Stacked* Run one program at a time.

*Overlap 2* Run 2, two, programs at the same time.

*Overlap 3* Run 3, three, programs at the same time.

*Overlap 4* Run 4, four, programs at the same time.

*Overlap 5* Run 5, five, programs at the same time.

*Overlap 6* Run 6, six, programs at the same time.

Press the **Exit** key to return to the main screen.



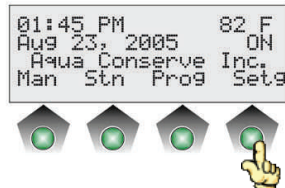
# Ultimo

## Software Version 5

### Operational Changes

AQUA  
Conserve  
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#### ET CONTROLLER

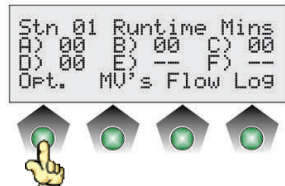


#### Cycle and Soak

The Ultimo supports Cycle and Soak operation. The Cycle and Soak allows you to program the controller for a maximum run time and minimum soak time to reduce or eliminate run off on slopes and other difficult to irrigate landscapes.

AQUA  
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ET-16/66u

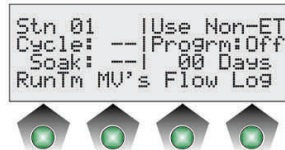
#### ET CONTROLLER



The Cycle time is the maximum time the controller will allow the irrigation valve to remain on at one time. The Soak time is the minimum time the controller keeps the irrigation valve off to allow the water to soak into the soil. During the soak time the controller will allow other stations to run.

AQUA  
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ET-16/66u

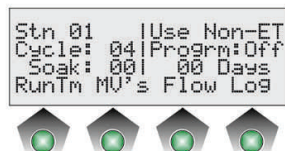
#### ET CONTROLLER



Example: Controller will turn on the valve for 13 minutes, the cycle is set for 5 minutes and the soak for 30 minutes. The controller will turn on the valve for 5 minutes, Cycle time. After 5 minutes the valve will be turned off for 30 minutes, Soak time. After the Soak time the controller will turn the valve on for 5 minutes, total of 10 minutes of watering time. After this Cycle time the controller enters a second Soak time. When the second Soak time is complete a final 3 minute cycle time is run., for a total watering time of 13 minutes.

AQUA  
Conserve  
ET-16/66u

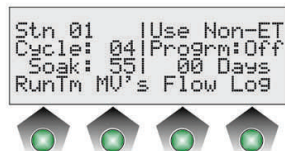
#### ET CONTROLLER



Note: If the final watering time is less than half of the cycle time the controller will reduce the next to last watering time to bring the final watering time up to half of the cycle time.

AQUA  
Conserve  
ET-16/66u

#### ET CONTROLLER



From the main screen press the **Menu Key** labeled *Stn*.

From the station screen press the **Menu Key** labeled *Opt*.

Use the **More** or **Less** keys to select the station to program.

Press the **Next** key to select the Cycle time.

Use the **More** or **Less** keys to enter the Cycle time.

Press the **Next** key to select the Soak time.

Use the **More** or **Less** keys to enter the Soak time.

Press the **Next** key 3, three, times to select a new station.

Press the **Exit** key to return to the main screen.



# Ultimo

## Software Version 5

### Operational Changes

AQUA  
Conserve  
ET-16/66u

ET CONTROLLER

```
01:45 PM      82 F
Aug 23, 2005  ON
Aqua Conserve Inc.
Man Stn Prog Setg
```



#### Copy and Paste

The Ultimo allows you to copy one station's programming and paste it into one or more other stations. This will reduce the amount of time required to program an Ultimo when a number of stations have identical programming.

AQUA  
Conserve  
ET-16/66u

ET CONTROLLER

```
Stn 01 Runtime Mins.
A) 05 B) 08 C) 00
D) 02 E) -- F) --
Opt. MV's Flow Log
```



From the main screen press the **Menu Key** labeled *Stn*.

Use the **More** or **Less** keys to select the station to copy.

From the station screen simultaneously press the **Previous** and **Next** keys.

AQUA  
Conserve  
ET-16/66u

ET CONTROLLER

```
Copy Stn 01 to 01
A) 05 B) 08 C) 00
D) 02 E) -- F) --
Copy Paste
```



Use the **More** or **Less** keys to select the station to paste the copied runtime minutes.

Press the **Menu Key** labeled *Paste* to paste the copied runtimes into the selected station.

Repeat these two steps to paste the same information into other stations.

AQUA  
Conserve  
ET-16/66u

ET CONTROLLER

```
Copy Stn 01 to 02
A) 00 B) 00 C) 00
D) 00 E) -- F) --
Copy Paste
```



When you are done press the **Exit** key to return to the Station screen.

To copy a different station.

AQUA  
Conserve  
ET-16/66u

ET CONTROLLER

```
Copy Stn 01 to 02
A) 05 B) 08 C) 00
D) 02 E) -- F) --
Copy Paste
```



Use the **More** or **Less** keys to select the station to copy.

Press the **Menu Key** labeled *Copy* to copy the selected station. Note: The *Copy Stn XX* will change to indicate the selected station..

# Ultimo Software Version 5 Operational Changes

**AQUA**  
Conserve  
ET-16/66u

## ET CONTROLLER

```
01:45 PM      82 F
Aug 23, 2005  ON
Aqua Conserve Inc.
Man Stn Prog Setg
```



**AQUA**  
Conserve  
ET-16/66u

## ET CONTROLLER

```
Stn 01 Runtime Mins.
A) 05 B) 08 C) 00
D) 02 E) -- F) --
Opt. MV's Flow Log
```



**AQUA**  
Conserve  
ET-16/66u

## ET CONTROLLER

```
Stn 01 | Use Non-ET
Cycle: -- | Program: Off
Soak: -- | 00 Days
RunTn MV's Flow Log
```



**AQUA**  
Conserve  
ET-16/66u

## ET CONTROLLER

```
Stn 01 | Use Non-ET
Cycle: -- | Program: E
Soak: -- | 00 Days
RunTn MV's Flow Log
```



**AQUA**  
Conserve  
ET-16/66u

## ET CONTROLLER

```
Stn 01 | Use Non-ET
Cycle: -- | Program: E
Soak: -- | 35 Days
RunTn MV's Flow Log
```



## Non-ET based Establishment

The Ultimo includes two non-ET based programs for Establishment usage. This will allow you to run an Establishment cycle, with no ET or weather based time adjustments, for irrigating new plantings or over seeding. After a programmable number of days the controller will automatically revert back to ET based irrigation.

From the main screen press the **Menu Key** labeled *Stn*.

From the station screen press the **Menu Key** labeled *Opt*.

Use the **More** or **Less** keys to select the station.

Press the **Next** key 3, three, times to select the *Program*.

Use the **More** or **Less** keys to select the program/s to run.

*Off* No establishment for this station.

*E* Run program E as the establishment program.

*F* Run program F as the establishment program.

*E&F* Run both E and F as the establishment programs

Press the **Next** key to select the number of Days to run the non-ET programs.

Use the **More** or **Less** keys to enter the number of days.

Press the **Next** key to select a new station to program.

Press the **Exit** key to return to the main screen.

## IMPORTANT

After enabling the Non-ET establishment please set the station runtime in the Station screen. Set the E and or F programs in the Program screen. Failure to follow these steps could cause no watering of the landscape.

# Ultimo Software Version 5 Operational Changes

**AQUA**  
Conserve  
ET-16/66u

## ET CONTROLLER

```
01:45 PM      82 F
Aug 23, 2005  ON
Aqua Conserve Inc.
Man Stn Prog Setg
```



More Test  
Previous Next Today  
7 Days  
Less Rain

## Display of Calculated Accumulation Percentage

The Ultimo will display the calculated percentage of runtime for the present day. Note: Any programs displaying a “—” are not scheduled to run today.

From the main screen press the **Menu Key** labeled *Prog.*

From the Program screen press the **Menu Key** labeled *Acc.*

Press the **Exit** key to return to the main screen.

**AQUA**  
Conserve  
ET-16/66u

## ET CONTROLLER

```
PROG:A 07:00A --:--
--:-- --:-- --:--
--:-- --:-- --:--
Days Times Stack Acc
```



More Test  
Previous Next Today  
7 Days  
Less Rain

**AQUA**  
Conserve  
ET-16/66u

## ET CONTROLLER

```
Accumulation 68 F
A: 85 % B: 85 %
C: -- % D: 85 %
Days Times Stack Acc
```



More Test  
Previous Next Today  
7 Days  
Less Rain

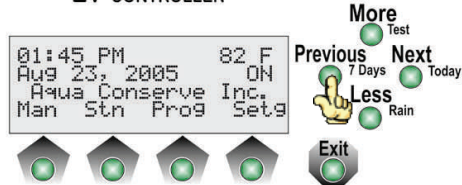
# Ultimo

## Software Version 5

### Operational Changes

**AQUA**  
Conserve  
ET-16/66u

#### ET CONTROLLER



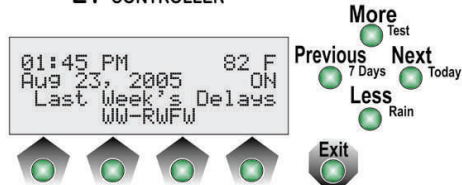
#### Display Last Weeks Delays

The Ultimo will display the last 7, seven, days schedules delays.

From the main screen press the **Previous** key. The display will show the last 7, seven, days as follows.

**AQUA**  
Conserve  
ET-16/66u

#### ET CONTROLLER



- W Controller Irrigated (**Watered**).
- R Controller did not irrigate due to **Rain** Delay.
- F Controller did not irrigate due to **Freezing** temperature.
- Controller did not irrigate, not a scheduled day.

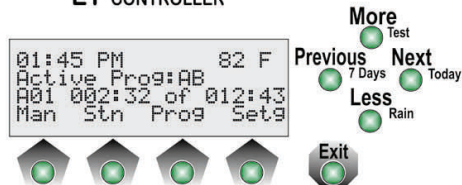
#### Note

The display can show a delay, either a R or F, even though it did irrigate. If the rain or freeze delay occurred after the unit irrigated it will display the R or F.

Press the **Exit** key to return to the main screen.

**AQUA**  
Conserve  
ET-16/66u

#### ET CONTROLLER



#### Station Running Display / Overlap Mode

When the Ultimo is programmed to operate in overlap mode, multiple programs running at the same time. The unit will display all active programs on the display. Every 4, four, seconds the Active Station will update.

*Active Prog:* Will display each program that is running.

*Active Station* line will display the Program (A, B, C, D, E, or F) and the Station number followed by the number of minutes the station was on and the number of total minutes the station will run.

In the example shown there are 2, two, programs running A and B. Program A is running station 01 which has been on for 002:32 minutes and will be on for 012:43 minutes total.

For more information please refer to your User manual



## Warranty

Aqua Conserve, Inc., will repair or replace at no charge any Aqua Conserve Product that fails under normal use within three (3) years of the original purchase date. See complete warranty for details.

**For any warranty questions, please call:  
Toll Free (877) 922-2782**

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P/N Ultimo R5 Quick Ref & Updates